

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Williams et al.

Serial No.: Not Yet Assigned

Filed: August 25, 2003

For: HEAT SINKS INCLUDING
NONLINEAR PASSAGEWAYS

Confirmation No.: Unknown

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: 2269-4209.2US
(99-0174.02/US)

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EV326921821US

Date of Deposit with USPS: August 25, 2003

Person making Deposit: Chris Haughton

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The present application is a continuation of application Serial No. 09/502,107, filed February 10, 2000, pending.

Pursuant to M.P.E.P. 2001.06(b), the Examiner is respectfully requested to consider the information of record in the prior application, and to confirm in the first Office Action on the merits that such art has in fact been reviewed. A PTO-1449 or PTO/SB/08 form listing all of the information of record in the prior application is enclosed herewith.

Attorney Docket No. 2269-4209.2US

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brick G. Power".

Brick G. Power
Registration No. 38,581
Attorney for Applicants
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Telephone: 801-532-1922

Date: August 25, 2003

BGP/dlm:djp

Enclosures: Form PTO-1449 or PTO/SB/08

Document in ProLaw

(2-92)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 4209.2US (99-0174.02/US)		Application Number Not Yet Assigned	
				Applicant Williams et al.			
				Filing Date August 25, 2003		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,278,442	01/1994	Prinz et al.			
	5,284,695	02/1994	Barlow et al.			
	5,304,329	04/1994	Dickens, Jr. et al.			
	5,316,580	05/1994	Deckard			
	5,325,265	06/1994	Turlik et al.			
	5,332,051	07/1994	Knowlton			
	5,342,919	08/1994	Dickens, Jr. et al.			
	5,352,405	10/1994	Beaman et al.			
	5,385,780	01/1995	Lee			
	5,484,314	01/1996	Farnworth			
	5,527,877	06/1996	Dickens, Jr. et al.			
	5,648,450	07/1997	Dickens, Jr. et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 4209.2US (99-0174.02/US)		Application Number Not Yet Assigned	
				Applicant Williams et al.			
				Filing Date August 25, 2003		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,672,312	09/1997	Almquist et al.			
	5,673,258	09/1997	Helbig et al.			
	5,705,117	01/1998	O'Connor et al.			
	5,733,497	03/1998	McAlea et al.			
	5,749,041	05/1998	Lakshminarayan et al.			
	5,814,536	09/1998	Rostoker et al.			
	5,817,206	10/1998	McAlea et al.			
	5,900,670	05/1999	Schneider et al.			
	5,981,085	11/1999	Ninomiya et al.			
	6,015,722	01/2000	Banks et al.			
	6,296,493	10/2001	Michiya			
	6,468,891	10/2002	Williams			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as

defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

<u>U.S. Patent Documents</u>		
<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 4,526,646	07/02/1985	Suzuki et al.
US - 4,543,659	09/24/1985	Ozaki
US - 4,736,437	04/05/1988	Sacks et al.
US - 4,899,921	02/13/1990	Bendat et al.
US - 5,059,559	10/22/1991	Takahashi et al.
US - 5,113,565	05/19/1992	Cipolla et al.
US - 5,145,099	09/08/1992	Wood et al.
US - 5,238,174	08/24/1993	Ricketson et al.
US - 5,288,698	02/22/1994	Banjo et al.
US - 5,430,666	07/04/1995	DeAngelis et al.
US - 5,463,227	10/31/1995	Stern et al.
US - 5,471,310	11/28/1995	Spigarelli et al.
US - 5,506,684	04/09/1996	Ota et al.
US - 5,516,023	05/14/1996	Kono
US - 5,516,026	05/14/1996	Ariye et al.
US - 5,644,245	07/01/1997	Saitoh et al.

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed concurrent with the filing of the above-identified application.

Respectfully submitted,



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Salt Lake City, Utah 84110-2550
Telephone: 801-532-1922

Date: August 25, 2003

BGP/dlm:djp

Enclosures: Form PTO-1449 or PTO/SB/08
Copy of documents cited

Document in ProLaw

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	Not Yet Assigned
Filing Date	August 22, 2003
First Named Inventor	Williams et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	2269-4209.2US (99-0174.02/US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-4,526,646	07/02/1985	Suzuki et al.	
		US- 4,543,659	09/24/1985	Ozaki	
		US- 4,736,437	04/05/1988	Sacks et al.	
		US- 4,899,921	02/13/1990	Bendat et al.	
		US- 5,059,559	10/22/1991	Takahashi et al.	
		US- 5,113,565	05/19/1992	Cipolla et al.	
		US- 5,145,099	09/08/1992	Wood et al.	
		US- 5,238,174	08/24/1993	Ricketson et al.	
		US- 5,288,698	02/22/1994	Banjo et al.	
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		US- 5,463,227	10/31/1995	Stern et al.	
		US- 5,471,310	11/28/1995	Spigarelli et al.	
		US- 5,506,684	04/09/1996	Ota et al.	
		US- 5,516,023	05/14/1996	Kono	
		US- 5,516,026	05/14/1996	Ariye et al.	
		US- 5,644,245	07/01/1997	Saitoh et al.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.